

# Weekly Metrics for June 22 - 28, 2003

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest Archive	GES DAAC GES DAAC	0.9 0.9	1x Baseline 1x Baseline	0.7 0.7	A, F A, F
ICESat (1/03)	GLAS	L0 Ingest Archive	NSIDC NSIDC	41 41	1x Baseline 1x Baseline	27 27	W W
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	73	F
		L1 Prod	GES DAAC	807	Various	304	F, M, U
		L2 - 3 Prod	GES DAAC	107	2.03x Baseline	65	F, M, U
		Archive	GES DAAC	1,012	Various	442	F, M, U
		Distribution	GES DAAC				
		Testing/QA		99	IT Requirements	0	
		Production				36	
		End users		471	Various	24	G
		Data Pool				202	V
	AMSR-E	L0 Ingest	NSIDC	10	1x Baseline	6	B
		L1 Ingest	NSIDC	9	Various	8	B, C
		L2-L3 Prod	GHRC	38	2.03x Baseline	0	C
		Archive	NSIDC	67	Baseline	14	C
Aqua (5/02)	AMSR-E	Distribution	NSIDC				
		Production				7	
		End Users		35	1.015x Baseline	0	C, G
	CERES	Archive	ASDC	169	Various	Included	See Footnote S
		Distribution	ASDC			In	
		Testing/QA		1,421	IT Requirements	Terra	
		End Users		109	1.015x Baseline	CERES	
	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	404	F
		L1 Prod	GES DAAC	5,047	Various	2,399	F, M
		L2-L4 Prod	MODAPS	6,395	2.03x Baseline	4,214	F, M, R
		Archive	LP DAAC	3,516	Various	1,885	M, R
			GES DAAC	8,015	Various	4,922	F, M, R
			NSIDC	426	Various	119	M, R
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	0	
		End User		2,345	1.015x Baseline	0	G
		Data Pool				0.2	V
Aqua (5/02)	MODIS	Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	0	
		To MODAPS/LaRC				2,661	
		End Users		4,157	1.015x Baseline	55	G
		Data Pool				7	V
		Distribution	NSIDC				
		End User		284	1.015x Baseline	0.1	G
METEOR 3M (12/01)	SAGE III	Archive	ASDC	0.9	Various	0.6	D
		Distribution	ASDC				
METEOR 3M (12/01)	SAGE III	Production				0.9	
		End Users		0.02	1.015x Baseline	0	
ACRIMSAT (12/99)	ACRIM 3	Archive	ASDC	1	1x Baseline	0	D
	ASTER	L1A Ingest	LP DAAC	680	1x Baseline	1,088	E
		L1B Ingest	LP DAAC	271	1.015x Baseline	272	E
		L1B Archive	LP DAAC	271	1.015x Baseline	765	E
		L2-L3 Prod	LP DAAC	1,221	3.045x Baseline	117	E
		Archive	LP DAAC	2,173	Various	1,971	E

Terra (12/99)		Distribution <i>End Users Data Pool</i>	LP DAAC	1,221	1.015x Baseline	1,839 0.2	G, O, P V
	CERES	Archive	ASDC	357	Various	TBD	S
		Distribution <i>Testing/QA End Users</i>	ASDC	1,421 119	IT Requirements 1.015x Baseline	TBD TBD	G, O
	MISR	L0 Ingest	ASDC	249	1x Baseline	256	
		L1 Prod	ASDC	3,359	Various	3,942	
		L2-L3 Prod	ASDC	285	3.045x Baseline	278	
		Archive	ASDC	3,894	Various	4,477	
		Distribution	ASDC				
		<i>Testing/QA Production End Users Data Pool</i>		137  1,215	IT Requirements  1.015x Baseline	96  1,300 1,753 3	
	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	412	F
		L1 Prod	GES DAAC	7,570	Various	5,528	F
		L2-L4 Prod	MODAPS	12,789	3.045x Baseline	18,877	Q, T
		Archive	LP DAAC	7,034	Various (L2-L4)	7,989	F, I, Q
			GES DAAC	12,990	Various (L0-L4)	8,289	
			PO DAAC	0	Various (L2-L3)	32	
			NSIDC	853	Various (L2-L3)	548	I, Q
			LP DAAC				
		Distribution					
		<i>Testing/QA End Users Data Pool</i>		23 2,345	IT Requirements 1.015x Baseline	2  1,601 3	G, O V
Distribution		GES DAAC					
<i>Testing/QA To MODAPS/LaRC End users Data Pool</i>			362 4,157	IT Requirements 1.015x Baseline	166 7,206 682 80	G  V	
Distribution		PO DAAC					
<i>End Users</i>		0	Baseline	1			
Distribution	NSIDC						
<i>End Users</i>		284	1x Baseline	94	G, O		
MOPITT	L0 Ingest	ASDC	2	1x Baseline	2		
	L1 Prod	SIPS	2	Various	4		J
	L2 Prod	SIPS	2	3.045x Baseline	7		J
	Archive	ASDC	6	Various	13		J
	Distribution	ASDC					
	<i>Production End Users Data Pool</i>		1	1.015x Baseline	4 41 1		G, O V
Landsat-7 (4/99)	ETM+	Archive	LP DAAC	1,092	250 Scenes	0	X
		Distribution	LP DAAC	58	ECS ICD	38	
Jason-1 (12/01)	Poseidon 2	Archive (L0+)	PO DAAC			18	K
		Distribution	PO DAAC	NA	NA	6	
QuikScat (6/99)	SeaWinds	Archive (L0+)	PO DAAC			21	K
		Distribution	PO DAAC	109	Weekly Average	180	
TOPEX (8/92)	Poseidon	Archive (L1+)	PO DAAC			0.2	K
		Distribution	PO DAAC	24	Weekly Average	122	
Other Missions	AVHRR	Archive (L2+)	PO DAAC			67	L
		Distribution	PO DAAC	NA	NA	47	

Notes:

- Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet.
- The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
- Regular delivery of AMSR-E L1A data to US from NASDA resumed on June 19.

- D. Data from this instrument is not transmitted to DAAC daily.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. In June, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
- F. GES DAAC was shut down for scheduled maintenance (6/27 – 6/29).
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
- J. No L1 or L2 products were received from MOPITT SIPS.
- K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- L. Includes distribution of educational materials, in addition to AVHRR SST products.
- M. The requirements for this instrument include reprocessing, but no reprocessing has started yet.
- N. Does not include distribution by subsetting tool.
- O. Does not include distribution by data pool.
- P. Orders have decreased sharply with the advent of charging for low-level ASTER data.
- Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- R. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule.
- S. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
- T. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
- U. HSB is still in survival mode.
- V. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
- W. Laser #1 was shut down on March 19. The replacement laser is not expected to be turned on until mid-June and science data won't be available to users until September 2003.
- X. Landsat-7 scan line corrector failed on May 31 and subsequently Landsat-7 instruments were shut down.

\* Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:

Processing Level	1 <sup>st</sup> year after launch	2 <sup>nd</sup> year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.